Issued to:

[redacted]

Notified Body: 2777

SATRA customer number: P24063

EU Type-Examination Certificate

Certificate number: [redacted]

This EU Type-Examination Certificate covers the following product group(s) supported by testing to the relevant standards/technical specifications and examination of the technical file documentation. It has been issued Under Module B of Regulation 2016/425 on personal protective equipment. This product group has been shown to satisfy the applicable essential health and safety requirements as a Category III product.

Product reference:	Description:	Weight:	Size:
[redacted]	Over-the-head earmuff featuring ABS earcups with a foam liner and Grey PVC covered foam cushions. The folding headband is constructed from POM, with added soft pad with Grey PU bottom cover.	207g	S,M,L
[redacted]	Over-the-head earmuff featuring ABS earcups with a foam liner and Black PVC covered foam cushions. The folding headband features a Steel skeleton combined with Black PU and Nylon materials.	229g	S,M,L
[redacted]	Over-the-head earmuff featuring ABS earcups with a foam liner and Black PVC covered foam cushions. The headband is made from of Black PA66 material.	179g	S,M,L
[redacted]	Over-the-head earmuff featuring ABS earcups with a foam liner and black PVC covered foam cushions. The headband is constructed from POM, with added soft pad made of Black PVC covered foam cushion.	280g	S,M,L

Classification:

[redacted]

					Frequency (H_z)	**63**	**125**	**250**	**500**	**1000**	**2000**	**4000**	**8000**
SNR_U= 31.1dB	H_U= 36.9dB	H_S= 2.6dB	**H= 34dB**		Mean attenuation (dB)	16.0	15.5	19.0	26.3	33.6	35.9	43.6	40.1
SNR_S= 1.9dB	M_U= 28.5dB	M_S= 1.9dB	**M= 27dB**		Standard deviation (dB)	3.7	2.7	2.1	2.6	2.9	3.6	2.7	3.8
SNR= 29dB	L_U= 21.3dB	L_S= 1.9dB	**L= 19dB**		Assumed protection (dB)	12.3	12.7	17.0	23.7	30.6	32.2	40.9	36.3

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					Frequency (H_z)	**63**	**125**	**250**	**500**	**1000**	**2000**	**4000**	**8000**
SNR_U= 33.3dB	H_U= 37.3dB	H_S= 1.9dB	**H= 35dB**		Mean attenuation (dB)	20.5	16.2	21.1	32.6	39.1	35.5	38.1	39.2
SNR_S= 1.5dB	M_U= 31.4dB	M_S= 1.6dB	**M= 30dB**		Standard deviation (dB)	4.4	2.4	2.4	2.6	2.2	2.5	2.6	3.0
SNR= 32dB	L_U= 22.8dB	L_S= 1.8dB	**L= 21dB**		Assumed protection (dB)	16.1	13.8	18.7	30.0	36.9	33.0	35.5	36.3

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					Frequency (H_z)	**63**	**125**	**250**	**500**	**1000**	**2000**	**4000**	**8000**
SNR_U= 32.0dB	H_U= 35.4dB	H_S= 1.9dB	**H= 33dB**		Mean attenuation (dB)	16.2	14.8	22.6	29.0	34.6	36.9	36.2	32.8
SNR_S= 2.1dB	M_U= 30.4dB	M_S= 2.3dB	**M= 28dB**		Standard deviation (dB)	4.2	3.1	3.0	3.4	2.8	2.8	2.4	3.8
SNR= 30dB	L_U= 22.8dB	L_S= 2.9dB	**L= 20dB**		Assumed protection (dB)	12.0	11.8	19.6	25.5	31.9	34.1	33.8	29.1

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					Frequency (H_z)	**63**	**125**	**250**	**500**	**1000**	**2000**	**4000**	**8000**
SNR_U= 35.1dB	H_U= 38.9dB	H_S= 1.9dB	**H= 37dB**		Mean attenuation (dB)	19.5	18.3	25.0	32.3	35.0	37.9	43.1	42.2
SNR_S= 2.0dB	M_U= 32.8dB	M_S= 2.0dB	**M= 31dB**		Standard deviation (dB)	3.6	3.8	2.5	3.1	2.7	3.1	1.8	2.7
SNR= 33dB	L_U= 25.7dB	L_S= 2.9dB	**L= 23dB**		Assumed protection (dB)	15.9	14.5	22.5	29.2	32.3	34.9	41.3	39.5

Standards/Technical specifications applied:
EN 352-1:2020

Technical reports/Approval documents:
Michael & Associates: Q9117A Revision 0, Q9121A Revision 0, Q9115A Revision 0, Q9123A Revision 0.
CTI: A2240770163101, A2240770163102, A2240770163103, A2250081274101, A2250081274102, A2250112801101.

Signed on behalf of SATRA: Geoff Graham

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Date of issue: 25/03/2025
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